

### In the Abstract

Please amend the Abstract as follows (a clean copy of the amended Abstract is attached hereto on a separate sheet):

### Abstract

The invention relates to a method and [[a]] mold for producing transparent optical elements from polymeric materials. ~~In this case, the~~ The optical elements ~~that can be produced in this way are intended to~~ have at least one surface region having regions which have reduced interfacial reflection. ~~In the method, According to the invention, the procedure followed here is that, in the case of~~ the entire surface or a correspondingly selected surface of a reference element, made ~~which consists of a polymeric material, and corresponds to the respective optical element, the entire surface or a correspondingly selected surface~~ is exposed to the influence of high-energy ions in a vacuum to form an irregular nanostructure with alternately arranged elevations and depressions lying in between. ~~In this way, an irregular nanostructure with alternately arranged elevations and depressions lying in between is formed on the corresponding surfaces.~~ Subsequently, a thin electrically conducting layer is applied, ~~and electrochemical~~ Electrochemical forming is carried out ~~in order~~ to obtain a mold with a negative contour which is superposed by the nanostructure. With such a mold, the optical elements having a nanostructure which reduces the interfacial reflection can then be produced in a molding process ~~of the nanostructure reducing the interfacial reflection.~~